

# Wayne-Dalton Corp. Upward Acting Sectional Doors

## Model 320 Wood Flush Specifications

08360/WAY - BuyLine 0261

*Note to specifiers: Words in parenthesis indicate options that need to be specified.*

### PART I- GENERAL

#### 1.01 Work Included

A) The sectional doors will be Wayne-Dalton Model 320 as manufactured by Wayne-Dalton Corp.

#### 1.02 Related Work

A) Opening preparation, miscellaneous or structural metal work, access panels finish or field painting, field electrical wiring, wire, conduit, fuses, and disconnect switches are in the Scope of Work of other divisions or trades.

### PART II- PRODUCT

#### 2.01 Door Sections

A) Will measure a full 1-3/4" thick, constructed of west coast Hemlock, Sitka spruce or equal frame with interior or exterior surfaces of semi-tempered 1/8" hardboard, pressure-bonded to both sides with type 1 waterproof glue. Rabbeted weathertight joints are provided throughout. (Optional rubber astragal is available to seal against floor and bottom of door and protect wood from moisture). Sections are available as standard primed (not primed as specified). Core material will be 1-1/2" polystyrene insulation - 6.40 R-value.

#### 2.02 Track

A) All track, vertical mounting angles and brackets will be commercial quality steel minimum 16 ga. thickness, hot-dipped galvanized. Track is (2") (3") standard or as specified. Vertical track to be graduated providing wedge type weathertight closing with (bracket mounting for wood jambs) (continuous angle mounting for wood jambs) (continuous reverse angle mounting for steel jambs), and fully adjustable to seal door at jambs. Horizontal track will be reinforced with continuous angle of adequate length and gauge to help prevent deflection.

#### 2.03 Hardware

A) All hinges and brackets will be made from hot-dipped galvanized steel. Track rollers will be case hardened inner steel races with 10 ball (2") (3") rollers.

#### 2.04 Counterbalance

A) Springs will be torsion type, low-stress, helical wound, oil tempered spring wire to provide minimum 10,000 cycles of use - or meet specified cycles - on continuous steel shaft; (solid CRS). Spring fittings and drums for the torsion unit will be made of die cast, high strength aluminum. Pre-formed galvanized steel aircraft cable will provide a minimum of a 5:1 safety factor. (Long life springs of 25,000, 50,000 or 100,000 cycles may be specified and are recommended for high usage doors).

#### 2.06 Lites

A) (Glazing options are available).

#### 2.07 Locks

A) Will engage right-hand vertical track and utilize an interior side lock. (Standard size rim cylinder single lock bar or 2" track only double lock bar that engages both vertical tracks are available).

#### 2.08 Windload

A) Per DASHMA 102-2003 and as required by local codes.

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## 2.09 Options

A) Chain hoist or motor operator.

## **PART III- EXECUTION**

### 3.01 Install

A) Install the doors in accordance with Wayne-Dalton Corp. instructions and standards. Installation will be by authorized Wayne-Dalton representative.